WEEK-10 ( Lat pgm 9) import janax swing . + import fava out of import gara aut event . \* dass Swing Demo Swing Demo () JFrame ffrom = new JFrame ("Deride App "); ffrm. set Size (275, 150); ffrm. setlayout (new Flowlayout (). iferm. set Default Close Operation ( JFrame · EXIT\_ON CLOSE); I lakel glat = new Ita I lakel

("Enter the divider and
divider"). I Testfield ajtf = new Itestfield(8) J Text Field ajtf = new JText Field (8) TButton button = new JButt on ("Calcust · Tlabel ers = new Jlabell). I Label alat = new Trabel(). Thatel blab = new . I label (); Thatel anslab = new Trand(); fform e add (err); jfrm. add (jlab); jfrm. add (aj tf); ffrm-add ( byth); ffren add (button);

	Date
/	Page
	form add (alab);
	Sprin- add (blab);
	ffrm - add (anslab);
	4.1
	Action Listener & = new
	Action 4 stener ()
	public void ation beformed
	(Ation Event evt)
	System out gasuten (" Action
	event from a test field");
	7
	2,
	ajtf addActionListener(1);
	Litte add Action Listener (1);
	button · add Atton Listense ( new
	ActionListener()
	3
	public vold attonferformed
	(Action Event evt)
•	7
	· toy }
	Int a= Integer.
	parse Int ( agt f. get Test
	())
	Int b= Integer.
	paraeInt (bjt).
	get Text () ) "
	int ans alto
	alab set Text ("In A = "+a)
	blab set Test ("\n B= "+6)
*	

anslate settent ("In Ans = "+ ans) soutch (Number Format Exception e) alabo set Test (""). blab e set Test(""); anslateset Tent (""); erreset Test (" Enter Only Integers); eateh (Arithmetic Exception e) alab et Tent (""); blab set Text (""); anslab "set Test (""); errosettest (" B should be west, "); public static void main (String args [3) Swing Utilities e invoke Later (new Runnable) guldic void nun() new Swingpemo () 5 of class Swing pemo

	Date Page
	QUTPUT:
	201101.
	Diviolur App - D X
	i) Enter the divident
	and dividur
	5
	Calculate A = 10 B=5 Ars=2
2	
	Dividur App - DX
	B should be NON zero!
	Enter the divident and
	divites:
	( 10 )
	Defenition of the following fins used in
	the prosuram
=)	1) IFrame: It is a class that represents the
	and our containing the GUL.
7	2) set Size: Is a method of "I Frame" class that
	sots the size of the frame width height
	3) sotlayout: Te a method of the "Container" used to set layout manager for the container.
=>	4) set Default Close Operation: Is a method
	of "Traine" which sets default operation
	when the frame is duted. Here
	effrance EXIT ON CLOSE is set, ie the
	application will terminate when frame is
	dosed.
=)	5) I Label: It is class used to display a
	non-edible text or amage. Here it is
	used to display " Enter dirend and dixter"

Table 1: as A Tab 2 as B Tab 3 as c A. Tabl = B. Tabl and B. Table C. To staballe laby disp 8 wor con ch and c. Tab3 = D. Taby and ge w (a)=2; 6) Itent field: It is a class used to create a test field component that allows the user to enter text. 7) add: Is a method of "Container" class used to gold components to the container. Here, 'Travel', 'Trent Field', 'TButton' are added to the frame using 'add' method , 8) Action Listener: Is an suterforce rused to handle action events. Here, action listener are added to 'afth', 'trith' and 'button' to perform electain actions when specific events occur-9) set Tent 3 Is a method of "I Lavel" class used to set the text of the label dynamecally. In the porogram, "set Text" Is used to update the labels "alab", " blog " anslab" with calculated values or expor nesages.